Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.				
TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY'S DOCKET NUMBER		
		RICE-1005US		
DESIGNATED/ELECTED (US APPLICATION NO (if known, see 37 CFR 1.5)		
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		10/596,122		
INTERNATIONAL APPLICATION NO. PCT/AU04/001071	INTERNATIONAL FILING DATE 11 AUGUST 2004	PRIORITY DATE CLAIMED 1 DECEMBER 2003		
TITLE OF INVENTION METHOD AND APPARATUS FOR PRODUCING ADAPTIVE DIRECTIONAL SIGNALS				
APPLICANT(S) FOR DO/EO/US				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include (5), (6), (9) and (21) indicated below				
4. The US has been elected (Article 31)				
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
a is attached hereto (required only if not communicated by the International Bureau).				
b has been communicated by the International Bureau.				
c is not required, as the application was filed in the United States Receiving Office (RO/US).				
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
a is attached hereto.				
b has been previously submitted under 35 U.S.C. 154(d)(4).				
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).				
a are attached hereto (required only if not communicated by the International Bureau).				
b have been communicated by the International Bureau.				
c have not been made; however, the time limit for making such amendments has NOT expired.				
d less have not been made and will not be made.				
8. An English language translation of the	e amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).		

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. A preliminary amendment.

14. An Application Data Sheet under 37 CFR 1.76.

15. A substitute specification.

16. A power of attorney and/or change of address letter.

17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

US Patent and Trademark Office; U.S DEPARTMENT OF COMMERCE

ATTORNEY'S DOCKET NUMBER U S APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. 11 AUGUST 2004 RICE-1005US 10/596,122 20. Other items or information: **CALCULATIONS** PTO USE ONLY The following fees have been submitted Basic national fee (37 CFR I.492(a))\$300 21. П 22. Examination fee (37 CFR I.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared \$ by IPEA/US indicates all claims satisfy provisions of PCT Article 33(I)-(4) \$0 All other situations..... Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.......\$100
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB All other situations \$0 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.4920)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra Sheets thereof (round up to a whole number) - 100 /50 =x \$250 Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration \$ 130 after the date of commencement of the national stage (37 CIFIR 1 492(h)) **CLAIMS** NUMBER FILED NUMBER EXTRA **RATE** \$ -20= Total claims x \$50 \$ Independent claims x \$200 -3 =\$ \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 TOTAL OF ABOVE CALCULATIONS = \$0 Applicant claims small entity status See 37 CFR 1.27 Fees above are reduced by 1/2. \$130 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE \$130 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property \$ TOTAL FEES ENCLOSED \$130 Amount to be \$ refunded: Amount to be \$ charged

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b 🛚	Please charge my Deposit Account No 50-0462 A duplicate copy of this sheet is enclosed.	in the amount of \$ 130 to cover the above fees.	
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.			
SEND A	LL CORRESPONDENCE TO:	/KEVIN J. DUNLEAVY/ SIGNATURE	
CUSTOMER NO. 21302 KEVIN J. DUNLEAVY KNOBLE YOSHIDA & DUNLEAVY, LLC 1628 JOHN F. KENNEDY BOULEVARD EIGHT PENN CENTER, SUITE 1350 PHILADELPHIA, PA 19103 TEL: 215-599-0600 FAX: 215-599-0601 Email: kjdunleavy@patentwise.com		KEVIN J. DUNLEAVY NAME	
		32,024	
		REGISTRATION NUMBER	